

An enhancement of the driver distraction detection and evaluation method based on computational intelligence algorithms

Aksjonov, Andrei; Nedoma, Pavel; **Vodovozov, Valery**; **Petlenkov, Eduard** 2018 IEEE 16th International Conference on Industrial Informatics (INDIN 2018) : Porto, Portugal, 18-20 July 2018 / p. 201-206 : ill <https://doi.org/10.1109/INDIN.2018.8472045>

Detection and evaluation of driver distraction using machine learning and fuzzy logic

Aksjonov, Andrei; Nedoma, Pavel; **Vodovozov, Valery**; **Petlenkov, Eduard**; Herrmann, Martin IEEE Transactions on Intelligent Transportation Systems 2019 / p. 2048 - 2059 <https://doi.org/10.1109/TITS.2018.2857222> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Driver distraction detection and evaluation with artificial neural network and fuzzy logic : In-vehicle information system as a driver's secondary activity: case study

Aksjonov, Andrei; Nedoma, Pavel; **Vodovozov, Valery**; **Petlenkov, Eduard** 15th International Workshop on Advanced Motion Control : (AMC 2018), Tokyo, Japan 2018 / p. 523–528 : ill https://www.researchgate.net/publication/323747995_Driver_Distraction_Detection_and_Evaluation_with_Artificial_Neural_Network_and_Fuzzy_Logic_In-vehicle_information_system_as_a_driver%27s_secondary_activity_Case_study

Driver distraction while performing a secondary task evaluation approach based on fuzzy expert system

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A method for detection and evaluation of driver distraction induced by in-vehicle information systems

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A method of driver distraction evaluation using fuzzy logic : phone usage as a driver's secondary activity : case study

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A Novel driver performance model based on machine learning

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Speed control of electric vehicle propulsion with autotuning at changeable driving modes and road conditions

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